

LITHOLOGIC DESCRIPTION OF SAMPLES SUBMITTED FOR ASSAY ^{*}

Core samples from U. S. Geological Survey's Collbran Road well 1A drilled 200 feet S. of S. line^{1/} and 600 feet W. of E. line of sec. 31, T. 10 S., R. 94 W., Mesa County, Colorado

Surface elevation 8890 feet

Sampled interval from 0 to 30.3 feet

From	To	Description
(1-inch core)		
0	3.2	Oil shale, rich, brownish-gray, brown, and dark brown. Papery to leathery fracture.
(5/8-inch core)		
3.2	3.6	Oil shale, lean, light brown, faintly bedded.
3.6	4.4	Oil shale, rich, brown to dark brown. Some papery fracture.
4.4	5.2	Oil shale, lean to medium, buff to brownish-gray and some brown, laminated.
5.2	6.6	Marlstone, buff, brownish-gray and light brown, laminated.
6.6	7.1	Oil shale, medium, brown to dark brown and dark brownish-gray, faintly laminated.
7.1	9.7	Marlstone, buff and light brown, laminated.
9.7	11.6	Oil shale, medium to rich, brown and dark brown, some light brown and black. Irregularly banded.
11.6	12.5	Marlstone, light gray, brownish-gray and brown, laminated. Rare rust colored specks.
12.5	13.8	Mudstone, light brown, faintly bedded. Some brownish-gray oil shale.
13.8	14.7	Mudstone, light gray, massive to faintly bedded.
14.7	16.2	Marlstone, light brownish-gray and buff, irregularly banded.
16.2	17.2	Oil shale, lean, brownish-gray and light brownish-gray, irregularly banded.
17.2	17.7	Marlstone, buff and light brownish-gray. Massive and some irregular banding.
17.7	19.5	Missing.
19.5	19.9	Mudstone, light gray to light brownish-gray, faintly bedded. Rare thin oil-shale bands.
19.9	21.4	Oil shale, medium to lean, brownish-gray, brown and some black to brownish-gray and light brownish-gray. Laminated to faintly bedded.
21.4	22.3	Oil shale, lean, brownish-gray and dark brownish-gray, some buff, distinctly laminated.

* By L. G. Trudell

^{1/} Location is in T. 11 S., R. 94 W.

Samples received October 16, 1961

Illustration No. SBR-3541P (sheet 1 of 2)

Laramie Petroleum Research Center, Laramie, Wyoming

January 16, 1962

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Core samples from U. S. Geological Survey's Collbran Road well 1A (Con.)

From	To	Description
22.3	23.0	Mudstone, gray and some brownish-gray. Massive to irregularly banded.
23.0	23.6	Oil shale, lean, brownish-gray and some dark brown. Massive to irregularly banded.
23.6	24.2	Marlstone, buff and brownish-gray, irregularly banded. Rare black coatings.
24.2	27.6	Mudstone, gray, light gray, and brownish-gray. Massive to faint irregular fine banding.
27.6	29.2	Oil shale, lean, greenish-gray. Massive to faintly laminated.
29.2	30.3	Marlstone, brownish-gray and greenish-gray. Faintly bedded to irregularly laminated. A 1/4-inch band of medium-grained, gray sandstone at base.
30.3	33.5	Missing.
33.5		Bottom of hole.

Interval (ft.)	Recovery (ft.)	Interval (ft.)	Recovery (ft.)
0.0- 1.0	0.4	16.2-17.2	0.9
1.0- 2.0	0.7	17.2-17.7	0.4
2.0- 3.2	0.5	17.7-19.5	Missing
3.2- 3.6	0.4	19.5-19.9	0.4
3.6- 4.4	0.6	19.9-20.7	0.6
4.4- 5.2	0.6	20.7-21.4	0.6
5.2- 6.6	1.4	21.4-22.3	0.9
6.6- 7.1	0.5	22.3-23.0	0.7
7.1- 8.2	0.9	23.0-23.6	0.5
8.2- 9.0	0.7	23.6-24.2	0.6
9.0- 9.7	0.7	24.2-25.4	1.1
9.7-10.4	0.5	25.4-26.5	1.0
10.4-11.0	0.5	26.5-27.6	1.1
11.0-11.6	0.5	27.6-29.2	1.5
11.6-12.5	0.6	29.2-30.3	0.8
12.5-13.8	0.8	30.3-33.5	Missing
13.8-14.6	0.8	33.5	Bottom of hole
14.6-16.2	0.5		

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Illustration No. SBR-3541P (sheet 2 of 2)

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